



JUN 2 5 2002

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652

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/731,231A

DATE: 06/06/2002

TIME: 12:32:06

Input Set : A:\Seqlist.txt

Output Set : N:\CRF3\06062002\I731231A.raw

4 <110> APPLICANT: GUEGLER, Karl et al
6 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
7 ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
8 THEREOF
10 <130> FILE REFERENCE: CL001007
12 <140> CURRENT APPLICATION NUMBER: 09/731,231A
13 <141> CURRENT FILING DATE: 2000-12-07
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57 acagaagtat ttgaagaggt ctataattac ctcaagagag caaggcatca gaatgctagc 1980
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76 <212> TYPE: PRT

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79 <400> SEQUENCE: 2

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85 35 40 45
86 Lys Lys Ala Lys Arg Gly Glu Glu Leu Lys Val Leu Lys Glu Ile Ser
87 50 55 60
88 Val Gly Glu Leu Asn Pro Asn Glu Thr Val Gln Ala Asn Leu Glu Ala
89 65 70 75 80
90 Gln Leu Leu Ser Lys Leu Asp His Pro Ala Ile Val Lys Phe His Ala
91 85 90 95
92 Ser Phe Val Glu Gln Asp Asn Phe Cys Ile Ile Thr Glu Tyr Cys Glu
93 100 105 110
94 Gly Arg Asp Leu Asp Asp Lys Ile Gln Glu Tyr Lys Gln Ala Gly Lys
95 115 120 125
96 Ile Phe Pro Glu Asn Gln Ile Ile Glu Trp Phe Ile Gln Leu Leu Leu
97 130 135 140
98 Gly Val Asp Tyr Met His Glu Arg Arg Ile Leu His Arg Asp Leu Lys
99 145 150 155 160
100 Ser Lys Asn Val Phe Leu Lys Asn Asn Leu Leu Lys Ile Gly Asp Phe
101 165 170 175
102 Gly Val Ser Arg Leu Leu Met Gly Ser Cys Asp Leu Ala Thr Thr Leu
103 180 185 190
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109 225	230	235	240
110 Val Leu Lys Ile Val Glu Gly Asp Thr Pro Ser Leu Pro Glu Arg Tyr			
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112 Pro Lys Glu Leu Asn Ala Ile Met Glu Ser Met Leu Asn Lys Asn Pro			
113	260	265	270
114 Ser Leu Arg Pro Ser Ala Ile Glu Ile Leu Lys Ile Pro Tyr Leu Asp			
115	275	280	285
116 Glu Gln Leu Gln Asn Leu Met Cys Arg Tyr Ser Glu Met Thr Leu Glu			
117 290	295	300	
118 Asp Lys Asn Leu Asp Cys Gln Lys Glu Ala Ala His Ile Ile Asn Ala			
119 305	310	315	320
120 Met Gln Lys Arg Ile His Leu Gln Thr Leu Arg Ala Leu Ser Glu Val			
121	325	330	335
122 Gln Lys Met Thr Pro Arg Glu Arg Met Arg Leu Arg Lys Leu Gln Ala			
123	340	345	350
124 Ala Asp Glu Lys Ala Arg Lys Leu Lys Lys Ile Val Glu Glu Lys Tyr			
125	355	360	365
126 Glu Glu Asn Ser Lys Arg Met Gln Glu Leu Arg Ser Arg Asn Phe Gln			
127 370	375	380	
128 Gln Leu Ser Val Asp Val Leu His Glu Lys Thr His Leu Lys Gly Met			
129 385	390	395	400
130 Glu Glu Lys Glu Glu Gln Pro Glu Gly Arg Leu Ser Cys Ser Pro Gln			
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132 Asp Glu Asp Glu Glu Arg Trp Gln Gly Arg Glu Glu Glu Ser Asp Glu			
133	420	425	430
134 Pro Thr Leu Glu Asn Leu Pro Glu Ser Gln Pro Ile Pro Ser Met Asp			
135	435	440	445
136 Leu His Glu Leu Glu Ser Ile Val Glu Asp Ala Thr Ser Asp Leu Gly			
137 450	455	460	
138 Tyr His Glu Ile Pro Glu Asp Pro Leu Val Ala Glu Glu Tyr Tyr Ala			
139 465	470	475	480
140 Asp Ala Phe Asp Ser Tyr Cys Val Glu Ser Asp Glu Glu Glu Glu Glu			
141	485	490	495
142 Ile Ala Leu Glu Arg Pro Glu Lys Glu Ile Arg Asn Glu Gly Ser Gln			
143	500	505	510
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145	515	520	525
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 291051,291052,291053,291054,291055,291056,291057,291058
Seq#:3; N Pos. 291059,291060,291061,291062,291063,291064,291065,291066
Seq#:3; N Pos. 291067,291068,291069,291070,291071,291072,291073,291074
Seq#:3; N Pos. 291075,291076,291077